Coastal Watershed Survey Data Sheet

Surveyors: _____ Sector: _____ Site: _____
_____ Date: _____ Time: _____
_____ Rainfall: _____ # of Photos _____

Location (Describe landmarks and mark the site number on the sector map.)

Person(s) contacted at site:

Directions: Check off the appropriate items in categories 1-6.
Use the back side of this sheet for comments or site sketches.

1. POLLUTANT(s) (potential or known):
Toxic___ Bacteria ___ Nutrients___ Sediment___ Other_____

2. DIRECT DISCHARGE TO WATER BODY? Yes___ No___
Distance to water body or channel _____
Slope between location and water body or channel: flat___ moderate___ steep___

3. VEGETATED BUFFER? (between activity you are documenting and water body or channel)
Yes___ No___ Width____

4. SOURCE OF POLLUTANT(s)

Commercial & Residential:

___ Impervious areas
___ Septic system
___ Driveway
___ Lawn
___ Industrial runoff
___ Golf course runoff
___ Commercial runoff
___ Residential runoff
___ Construction site
___ Shoreline erosion
___ Other _____

Roads:

___ Ditch erosion
___ Shoulder erosion
___ Surface erosion
___ Culvert inlet/outlet
___ Stream crossing
___ Private road
___ Town road
___ State road
___ Logging road

___ Other _____

Agriculture:

___ Livestock grazing
___ Tilled fields
___ Manure/fertilizer spreading
___ Manure storage
___ Other _____

Marinas:

___ Boat maintenance
___ Waste discharge
___ Impervious areas
___ Fueling station
___ Refuse disposal
___ Other _____

Other Source: _____

5. SIZE OF AFFECTED AREA: Area or Length _____

6. COMMENTS, RECOMMENDATIONS, AND SKETCH (use back side)

(**Source:** Maine Department of Environmental Protection (DEP). 1996. *A Citizen's Guide to Coastal Watershed Surveys*. 78 pp.)

Please fill out the survey data sheet as follows:

SURVEY INFORMATION BOX:

Surveyors: Enter names of survey team members that identified the site.
Sector: Enter the number of the survey sector.
Site: Enter a site reference number 1, 2, etc. to give each site a unique identification.
Date and Time: Enter the date and time of day the problem was observed.
Rainfall: Enter the estimated rainfall amount during the past 24 hours.
Number of Photos: Record the number of photos taken at each site.*
Location: This information is critical for the follow-up analysis. Indicate the location of the site on your sector map. Describe access roads and distances from reference points to the site on the data sheet.
Person(s) Contacted at Site: Indicate if your survey team talked with a property owner or anyone else while at the site.

1. **POLLUTANT(S):** Check the pollutants generated at the site that are impacting or may potentially impact a waterbody.

2. **RUNOFF:** Determine if there is a direct pathway for runoff to carry the pollutants into the water body. Indicate the distance of the site to nearest water body or channel, and estimate the slope of the land between the site to the nearest waterbody or channel.

3. **VEGETATED BUFFER:** Indicate if runoff from the site flows through a vegetated buffer before reaching the nearest water body or channel, and the buffer width. Check the type of vegetation growing in the buffer. Determine if runoff in the buffer can spread evenly as it flows through the buffer, rather than flowing into the buffer.

4. **SOURCE OF POLLUTANTS:** Check the land uses/sources generating pollutants at each site.

5. **SIZE OF AFFECTED AREA:** Try to estimate the size of the area involved, such as the length or an eroding road ditch or the area of exposed soil.

6. **COMMENTS SKETCHES:** Use the back side of the survey data sheet for any additional comments or any drawings that would help to describe the site for future follow-up work and to prioritize. Include any recommendations your survey team has to eliminate or reduce the severity of the problem that you have identified.

***NOTE:** Photographs should be taken where they can help document the nature and severity of the problem. They will be used by those who do the follow-up analysis and may be used for documentation in any efforts to obtain funding for remedial efforts in the watershed. One close and one distance photo should be taken for perspective. When taking a close shot, try to include some object in the photo to provide a reference of size.